ANTI-ALIASING SYSTEM AND METHOD

ABSTRACT

A method of displaying a character. A representation of a character is determined in a bit map having a number of bits greater than a number of pixels in a region of a display in which the character is to be displayed. Based on a relative number of bits that are on in respective portions of the bit map, luminances for

5   corresponding pixels are determined. The character is displayed in the region having the particular number of pixels, and the pixels are displayed with the determined luminances. A system for displaying a character is disclosed, in which the character is to be displayed within a region of a display having a particular number of pixels. According to various embodiments of the invention, the display comprises a

10 television, a color television, a display of a hand held device, a billboard, or other display device. A method for displaying a shape is described. A method of displaying a shape is disclosed. A television system and a computer program product are disclosed. According to one embodiment of the invention, logic, based on a relative number of bits that are on in respective portions of the bit map,

15 determines an attribute for corresponding pixels. The attribute may comprise luminance, saturation, hue, or other attribute.